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| <p>(Substitute for Form 1449A/PTO)</p> <p><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b></p> <p>(use as many sheets as necessary)</p> |   |    |   | <b>Complete if Known</b> |                |
|   |   |    |   | Application Number       |                |
|   |   |    |   | Filing Date              |                |
|   |   |    |   | First Named Inventor     | Fensel         |
|   |   |    |   | Art Unit                 |                |
|   |   |    |   | Examiner Name            |                |
|   |   |    |   | Attorney Docket Number   | GARL 2 13447-1 |
| Sheet   | 1 | of | 2 |                          |                |

[illegible][illegible]

|                       |  |                    |  |
|-----------------------|--|--------------------|--|
| Examiner<br>Signature |  | Date<br>Considered |  |
|-----------------------|--|--------------------|--|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16, if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450**

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| Sheet  | 2                        | of   | 2 | Attorney Docket Number   | GARI 2 13447-1 |
| <b>NON PATENT LITERATURE DOCUMENTS</b>   |                          |  |   |                          |                |
| Examiner<br>Initials*  | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, country, where published, source. |   |                          | T <sup>2</sup> |
|  |                          | Specification Sheet entitled <u>3M Roofing Granules Specifications – #11 Grade</u> ; Revised 02/22/2000  |   |                          |                |
|  |                          | Specification Sheet entitled <u>3M Roofing Granules Specifications – #14 Grade</u> ; Revised 04/27/2000  |   |                          |                |
|  |                          | Specification Sheet entitled <u>90A Grog</u> ; revised 06/1999   |   |                          |                |
|  |                          | Product Bulletin entitled <u>SM-47 Mullite Sintered Mullite</u>  |   |                          |                |
|  |                          | Brochure entitled <u>ISP Mineral Roofing Granules</u>  |   |                          |                |
|  |                          | Product Data Sheet entitled <u>Tabular Alumina ; T-1064</u>  |   |                          |                |
|  |                          | Article from <i>Professional Roofing</i> , <u>January 2001</u> , entitled <u>Revisiting Reflective Roof Surfaces</u>   |   |                          |                |
|  |                          | Article entitled <u>Cool Roofs Save Energy</u> by Hashem Akbari, Ph.D.   |   |                          |                |
|  |                          | United States Publication No. 2002/0066233, published June 2002, to McArdle, et al.  |   |                          |                |

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**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of : Fensel, et al.  
For : IMPROVED ROOFING MATERIALS  
Our Docket : GARL 2 13447-1

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

In accordance with the disclosure requirements of 37 C.F.R. 1.97 and 37 C.F.R. 1.98, Applicant cites the references identified on the enclosed form PTO-1449.

Copies of the documents are not submitted pursuant to 37 C.F.R. 1.98(d) since copies of the documents were previously cited by or submitted to the Office in prior United States Application Serial No. 10/188,722 filed July 2, 2002, which is relied upon for an earlier filing date under 35 U.S.C. §120.

Respectfully submitted,  
FAY, SHARPE, FAGAN, MINNICH & McKEE

By: 

\_\_\_\_\_  
BRIANE E. TURUNG  
Reg. No. 35,394  
1100 Superior Avenue, 7<sup>th</sup> Floor  
Cleveland, Ohio 44114-2579  
Telephone: (216) 861-5582  
Facsimile: (216) 241-1666